

Attorney Docket No.: **740.009US2 (IU-0008)**
Inventors: **Kwon, Byoung S.**
Serial No.: **10/067,122**
Filing Date: **February 4, 2002**
Page 5

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1-8 (canceled).

1
Claim 9 (currently amended): A ~~monoclonal~~ An isolated antibody ~~against mouse 4-1BB which specifically recognizes an epitope on the extracellular domain of~~ that binds to mouse receptor protein 4-1BB comprising the amino acid sequence of SEQ ID NO:2.

2
Claim 10 (currently amended): The ~~monoclonal~~ antibody of claim 9 wherein said ~~monoclonal~~ antibody is produced from a hybridoma identified as 53A2 and deposited at the American Type Culture Collection at ~~12301 Parklawn Drive, Rockville, Maryland 20852~~ under ATCC No.: HB-11248.

3
Claim 11 (currently amended): A hybridoma ~~of~~ capable of producing a ~~monoclonal~~ an antibody ~~against mouse 4-1BB which specifically recognizes an epitope on the extracellular domain of~~ mouse receptor protein 4-1BB of claim 9.

4
3
Claim 12 (currently amended): The hybridoma of claim 11 wherein said hybridoma is identified as 53A2 and deposited at the American Type Culture Collection at ~~12301 Parklawn Drive, Rockville, Maryland~~ under ATCC No.: HB-11248.

Attorney Docket No.: **740.009US2 (IU-0008)**
Inventors: **Kwon, Byoung S.**
Serial No.: **10/067,122**
Filing Date: **February 4, 2002**
Page 6

Claim 13-21 (canceled).

Claim ~~22~~⁵ (currently amended): A ~~polyclonal~~ The antibody against ~~mouse 4-1BB which specifically recognizes and epitope on the extracellular domain of mouse receptor protein 4-1BB of claim~~
~~8~~, wherein said antibody is polyclonal.

Claim ~~23~~⁶ (currently amended): The ~~polyclonal~~ antibody of claim⁵ ~~22~~ which specifically ~~recognizes the binds to an~~ epitope ~~on comprising amino acid residues 105-115 or 133-157 of 4-1BB SEQ ID NO:2.~~

Claim ~~24~~⁷ (currently amended): The ~~monoclonal~~ antibody of claim¹ ~~8~~ which binds to the extracellular domain of SEQ ID NO:2, wherein said antibody is monoclonal.

Claim 25 (canceled).